



Public Notice

U.S. Army Corps
of Engineers
Baltimore District
PN - 09 - 04

In Reply to Application Number
CENAB-OP-RPA (Lycoming County Landfill – Phase II)08-03780-P12

Comment Period: January 15, 2009 to January 30, 2009

THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE WORK DESCRIBED BELOW. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.

This District has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act (33 U.S.C. 1344) as described below:

APPLICANT: County of Lycoming
Lycoming County Commissioners
48 West Third Street
Williamsport, Pennsylvania 17701
Attn: Mr. Steve Tucker

LOCATION: Approximately 11 miles south of Williamsport, along US Route 15, at the existing Lycoming County Landfill, in Brady Township, Lycoming County, Pennsylvania.

BACKGROUND: The first phase of this project was permitted in early 2006, Department of the Army Permit CENAB-OP-RPA(Lycoming County Landfill)06-01377-12. This phase permanently impacted all or portions of eleven separate wetlands, for a total of 0.38 acre of wetlands, of which 0.11 acre was considered jurisdictional by the Corps. These impacts were associated with the stormwater/sediment control pond relocation project. To compensate for wetland impacts associated with this initial phase and additional phases, the applicant construct 1.57 acre of wetlands on Lycoming County property, located directly across US Route 15. The site was constructed in August 2006 and has been placed in a conservation easement. 1.57 acre of palustrine emergent (PEM) wetlands has been created. Currently, the applicant is working on establishing 0.14 acre of the site as palustrine forested wetlands (PFO) as required to compensate for impacts in the first phase. The site continues to be monitored for success.

PURPOSE: The applicants stated purpose for this project, is to expand the existing landfills capacity.

WORK: to discharge dredged and/or fill material into Waters of the United States, including jurisdictional wetlands, in association with the expansion of the existing solid waste landfill and construction of improvements to the solid waste facilities. The work includes the following: 1) The construction of two new lined landfill cells, known as Fields 11 and 12, within the existing landfill will permanently impact 0.837 acre of wetlands (wetlands W, X, Y, and Z); 2) The construction of a new approximately 5.5 million gallon leachate storage tank and new double-walled leachate transmission main to the Montgomery Sewage Treatment Plant, temporarily impacting 9 linear feet (27 square feet) of four intermittent waterways on

the east side of US Route 15; 3) Construction of a new larger enclosed landfill gas flare, new larger open backup flare and blower facilities (no impacts to Waters of the United States, including jurisdictional wetlands, are proposed for this activity); 4) The construction of additional site access and service roadways within the site and miscellaneous improvements to existing storm drainage facilities required by the proposed roadway, resulting in the filling of 0.059 acre of wetlands (Wetland R, Q, and S) and approximately 89 linear feet of Channel Q. In addition, an existing 64 feet long 44 inch by 72 inch corrugated metal pipe will be replaced with a 132 foot long reinforced concrete culvert that will require an additional 63 linear feet of riprap at the culvert inlet and outlet (Watercourse S); and 5) Construction of a new waste tire storage area within the existing site (no impacts to Waters of the United States, including jurisdictional wetlands, are proposed for this activity). To summarize the impacts described above, the project will result in a total of eight wetland areas, totaling 0.896 acre, being directly and permanently impacted through filling by the construction project. In addition, 296 linear feet of watercourse will be impacted by the project, of which 12 linear feet (36 square feet) will be temporary.

The applicant has stated that impacts have been avoided to the greatest extent practicable. Minimization measures have been implemented to avoid and minimize impacts to Waters of the United States, including jurisdictional wetlands. Minimization measures include narrowing of the proposed access road and steepening the side slopes, thus reducing the wetland and waterway impacts. In addition, expanding the landfill to the south instead of to the north significantly reduces wetland and waterway impacts.

For the proposed work 0.947 acre of the previously constructed replacement site is proposed to be used as compensatory mitigation for the 0.896 acre of wetlands impacted. This will include the conversion of 0.11 acre of existing PEM wetlands (created at the replacement site) to PFO wetlands (0.059 acre of impacted PFO replaced at a 2:1 ratio) and the use of an additional 0.837 acre of emergent wetlands (PEM) (0.837 acre of impact PEM replaced at a 1:1 ratio). Thus, with the two phases combined, 1.41 acres of created wetlands will be utilized at the 1.57 acre constructed replacement site. The remaining 0.16 acre of existing wetlands at the constructed replacement site may be utilized for future wetland impacts associated with future phases of the landfill. The wetland replacement site is located on lands owned by Lycoming County on the east side of US Route 15.

There are no National Register eligible or listed historic or archaeological properties in the area of the proposed project. A preliminary review of this application indicates that the proposed work will not affect Federal listed threatened or endangered species or their critical habitat, pursuant to Section 7 of the Endangered Species Act, as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

All work is proposed to be completed in accordance with the enclosed plan(s). If you have any questions concerning this matter, please contact Mr. Michael Dombroskie at (814)235-0571.

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonable may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economic, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the **District Engineer, U.S. Army Corps of Engineers, Baltimore District, State College Regulatory Field Office, 1631 South Atherton Street, Suite 102, State College, Pennsylvania 16801** with the comment period specified above.

The applicant is required to obtain a water quality certification in accordance with Section 404 of the Clean Water Act from the Pennsylvania Department of Environmental Protection through the issuance of a Section 105 permit or through direct application to the Regional Office in the area of the proposed project. The Section 404 certifying agency has a statutory limit of one year in which to make its decision.

The applicant must obtain any State or local government permits which may be required.

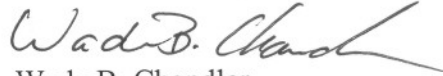
A preliminary review of this application indicates that the proposed work will not affect Federal listed threatened or endangered species or their critical habitat, pursuant to Section 7 of the Endangered Species Act, as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion, therein, are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or destroyed by the work to be accomplished under the request permit.

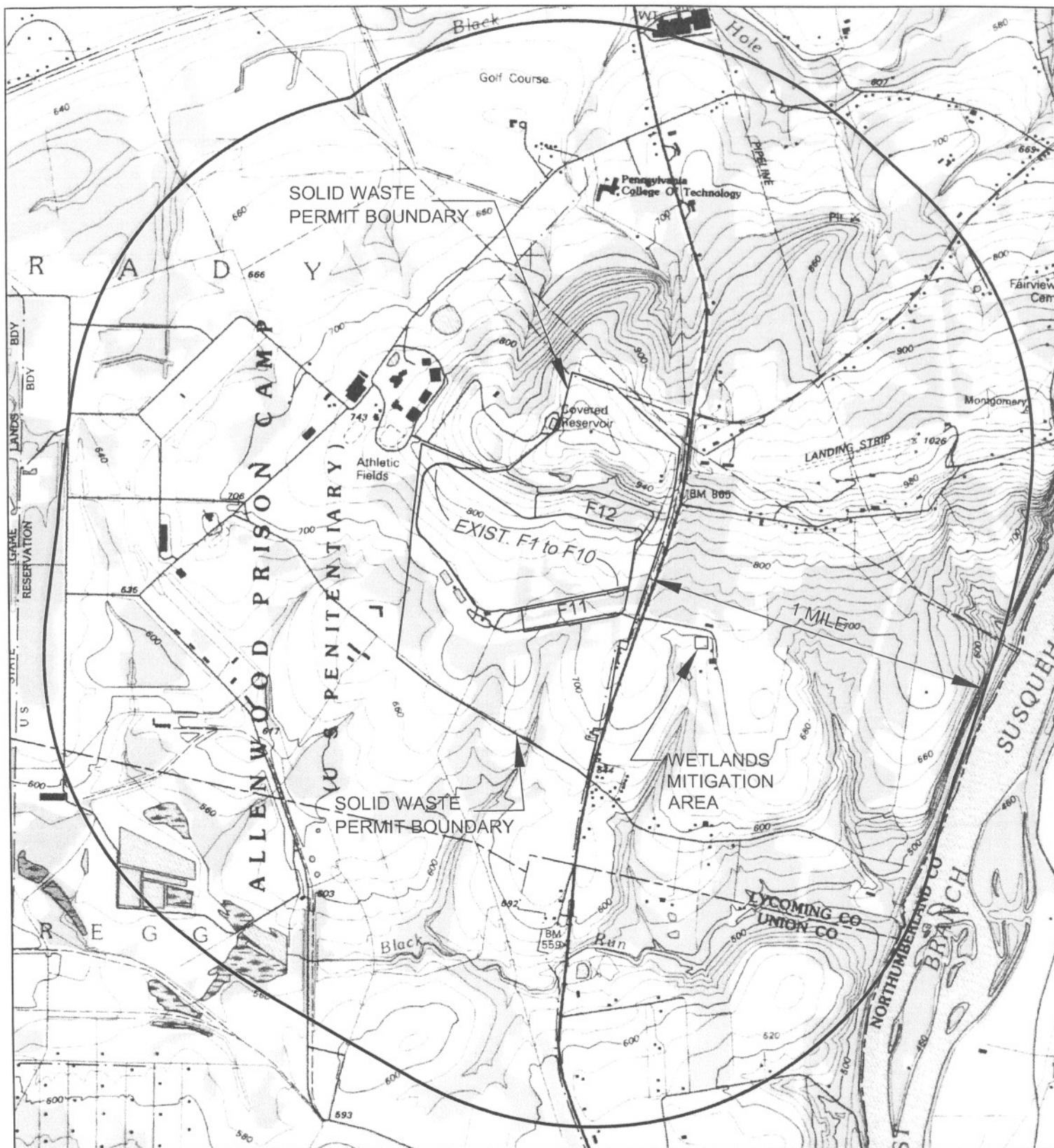
The evaluation of the impact of this project on the public interest will include applications of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 of the Clean Water Act. Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the **District Engineer, U.S. Army Corps of Engineers, Baltimore District, State College Regulatory Field Office, 1631 South Atherton Street, Suite 102, State College, Pennsylvania 16801**, within the comment period as specified above to receive consideration. Also it must clearly set forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected.

It is requested that you communicate this information concerning the proposed work to any persons know by you to be interested and not being known to this office, who did not receive a copy of this notice.

FOR THE DISTRICT ENGINEER:

A handwritten signature in dark ink, appearing to read "Wade B. Chandler". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Wade B. Chandler
Chief, Pennsylvania Section



**USGS LOCATION MAP
COUNTY OF LYCOMING, PA
ALLENWOOD LANDFILL**

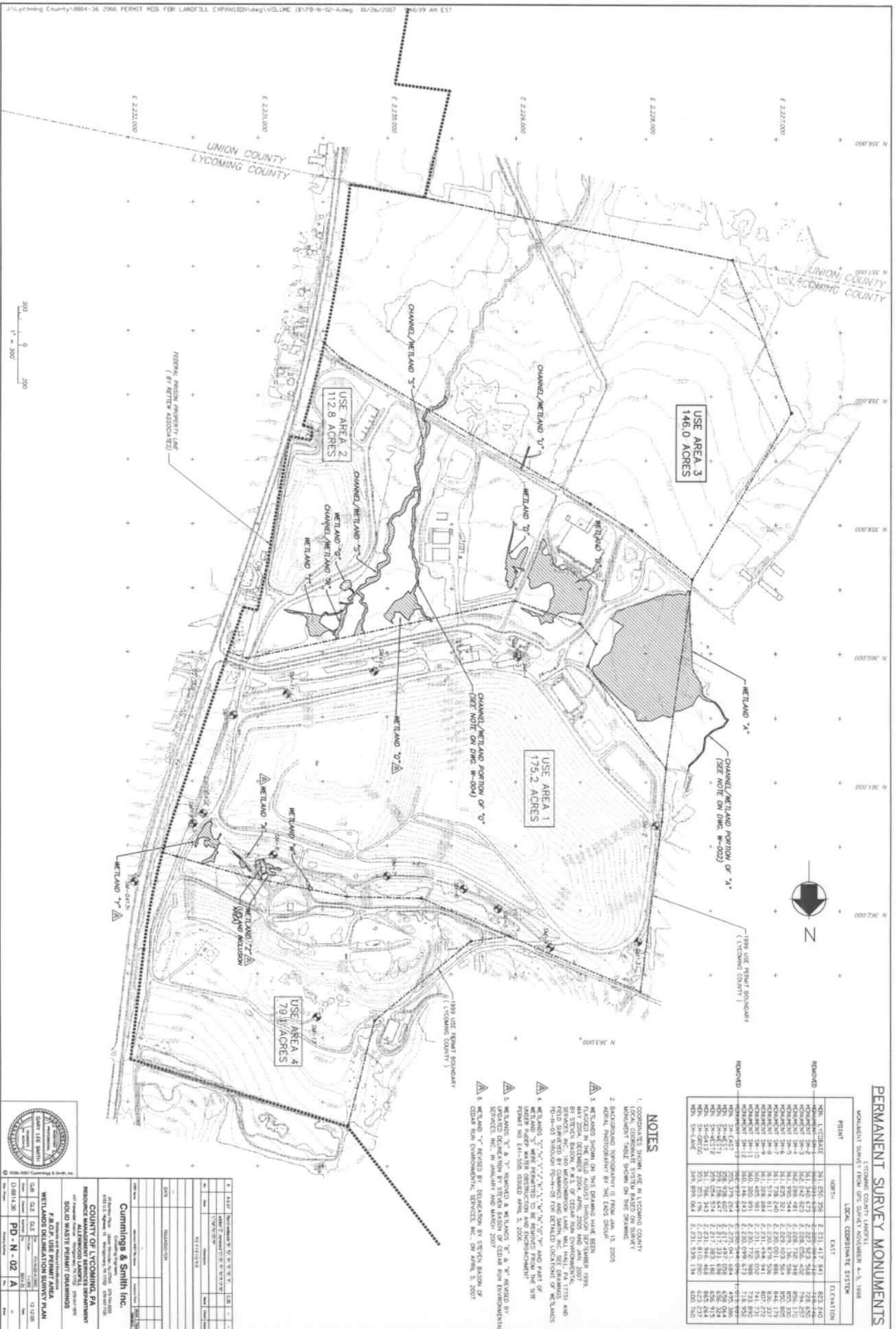
Cummings & Smith Inc.
CONSULTING ENGINEERS
Upper Montclair, NJ Montgomery, PA.



Table 1 – Revised 12/16/08

Summary of Wetlands and Watercourses Impacted by Landfill Expansion in Phase 2

<u>Wetland / Watercourse ID</u>	<u>Point #</u>	<u>Impact Area in Sq Ft / Linear Footage</u>	<u>Resource Description / Replacement Ratio</u>	<u>USCOE Jurisdictional</u>	<u>N. Lat & W. Long Dec. Deg. 1983 Datum</u>
Watercourse A 2	103	3 linear ft.	Utility line installation – leachate line under small intermittent channel – open cut and restore	Y	41.153234 76.907775
Watercourse A1	102	3 linear ft	Utility line installation – leachate line under existing culverted intermittent channel in roadway.	Y	41.153152 76.907304
Watercourse 2000-B	101	3 linear ft	Utility line installation – leachate line under small intermittent, isolated channel - open cut and restore	N	41.154577 76.904455
Watercourse J	100	3 linear ft	Utility line installation – leachate line under small intermittent channel - open cut and restore	Y	41.154584 76.902703
Wetland R	109	424 sf.	Small, forested, headwater seep that discharges into watercourse S downslope of the landfill. 2:1 replacement	Y	41.151378 76.913420
Wetland Q - east	107	116 sf.	Small, forested, headwater seep that discharges into watercourse S downslope of the landfill. 2:1 replacement	Y	41.151061 76.914955
Wetland Q - west	106	410 sf.	Small, forested, headwater seep that discharges into watercourse S downslope of the landfill 2:1 replacement	Y	41.150977 76.915422
Watercourse Q	105	89 linear ft.	Incised, defined stormwater channel discharging into wetland Q	Y	41.150924 76.915877
Wetland S	108	1,609 sf.	Small, forested, headwater seep that discharges into watercourse S downslope of the landfill. 2:1 replacement	Y	41.151224 76.914046
Watercourse S	104	195 linear ft.	Installation of larger culvert in an intermittent watercourse under an existing roadway for a new landfill access road.- South Roadway	Y	41.146582 76.915874
Wetland W	110	910 sf.	A small emergent sidehill seep wetland abutting and upslope of a large stormwater channel north of the landfill. 1:1 replacement	Y	41.156765 76.912737
Wetland X	111	3,591 sf.	A small emergent sidehill seep wetland abutting and upslope of a large stormwater channel north of the landfill. 1:1 replacement.	Y	41.156256 76.910842
Wetland Y	112	21,451 sf.	An emergent sidehill seep wetland abutting and upslope of a large stormwater channel north of the landfill. 1:1 replacement.	Y	41.155822 76.910016
Wetland Z	113	10,521 sf.	An emergent sidehill seep wetland abutting and upslope of a large stormwater channel north of the landfill. 1:1 replacement.	Y	41.156310 76.911567
UNT Culvert	114	None	Large laid stone box culvert under RR. New line will cross above stone box culvert – No Impact	N	41.151740 76.889760
UNT Culvert	115	None	Culvert pipe with trash rack under RR. New line will cross above culvert – No Impact	N	41.155720 76.887370
UNT Culvert	116	None	Small laid stone box culvert under RR. New line will cross above stone box culvert – No Impact	N	41.164160 76.881080
UNT Culvert	117	None	Small laid stone box culvert under RR just south of Treatment Plant. New line will cross above stone box culvert – No Impact	N	41.165200 76.879820
Totals		Wetlands - 39,032 sf. Watercourse – 296 Linear ft.	41,591 sf. (0.955 acres) of replacement wetlands for wetland impacts.		



PERMANENT SURVEY MONUMENTS

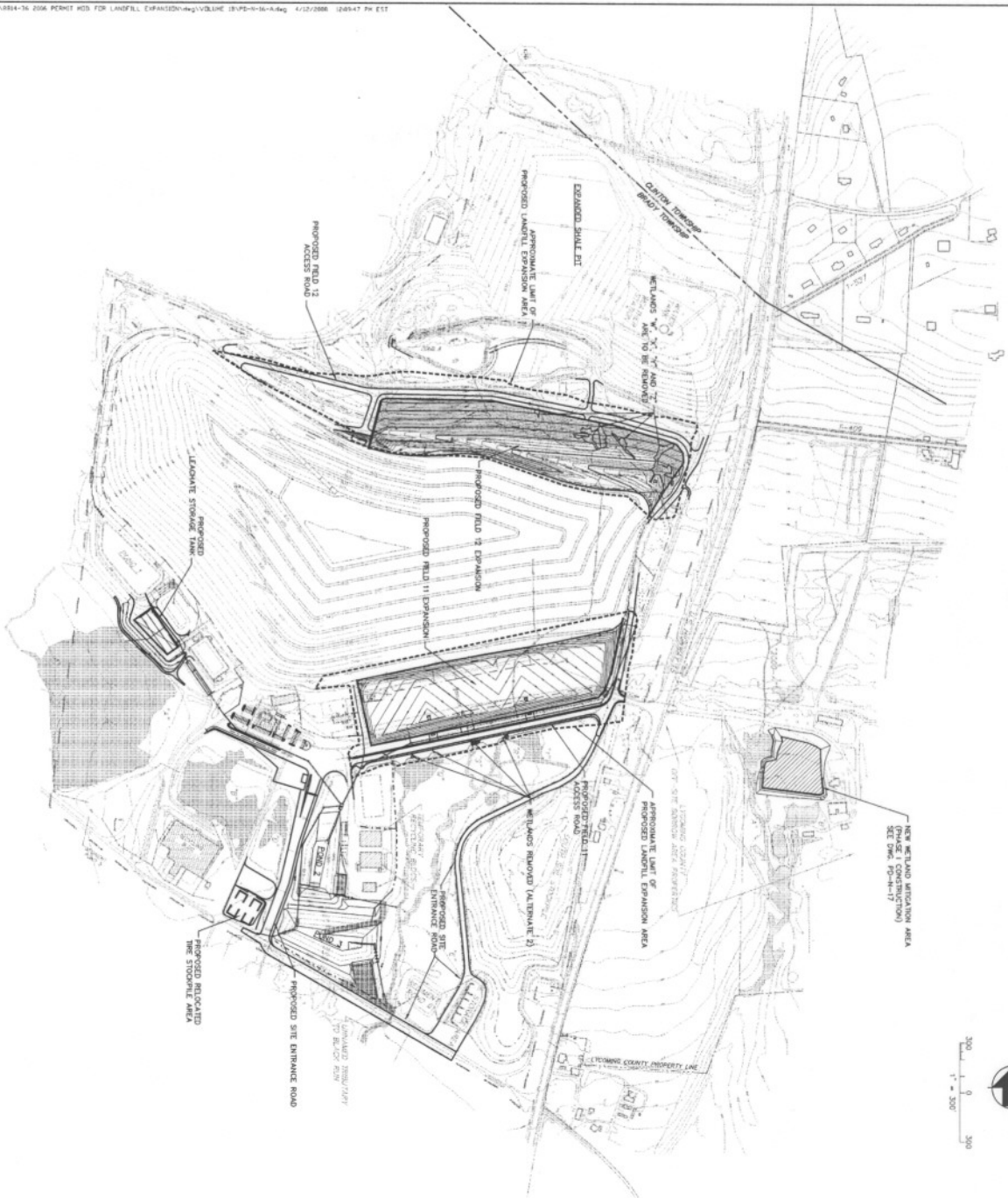
LYCOMING COUNTY LANDFILL
MONUMENT SURVEY FROM GPS SURVEY NOVEMBER 4-5, 1999

[illegible]

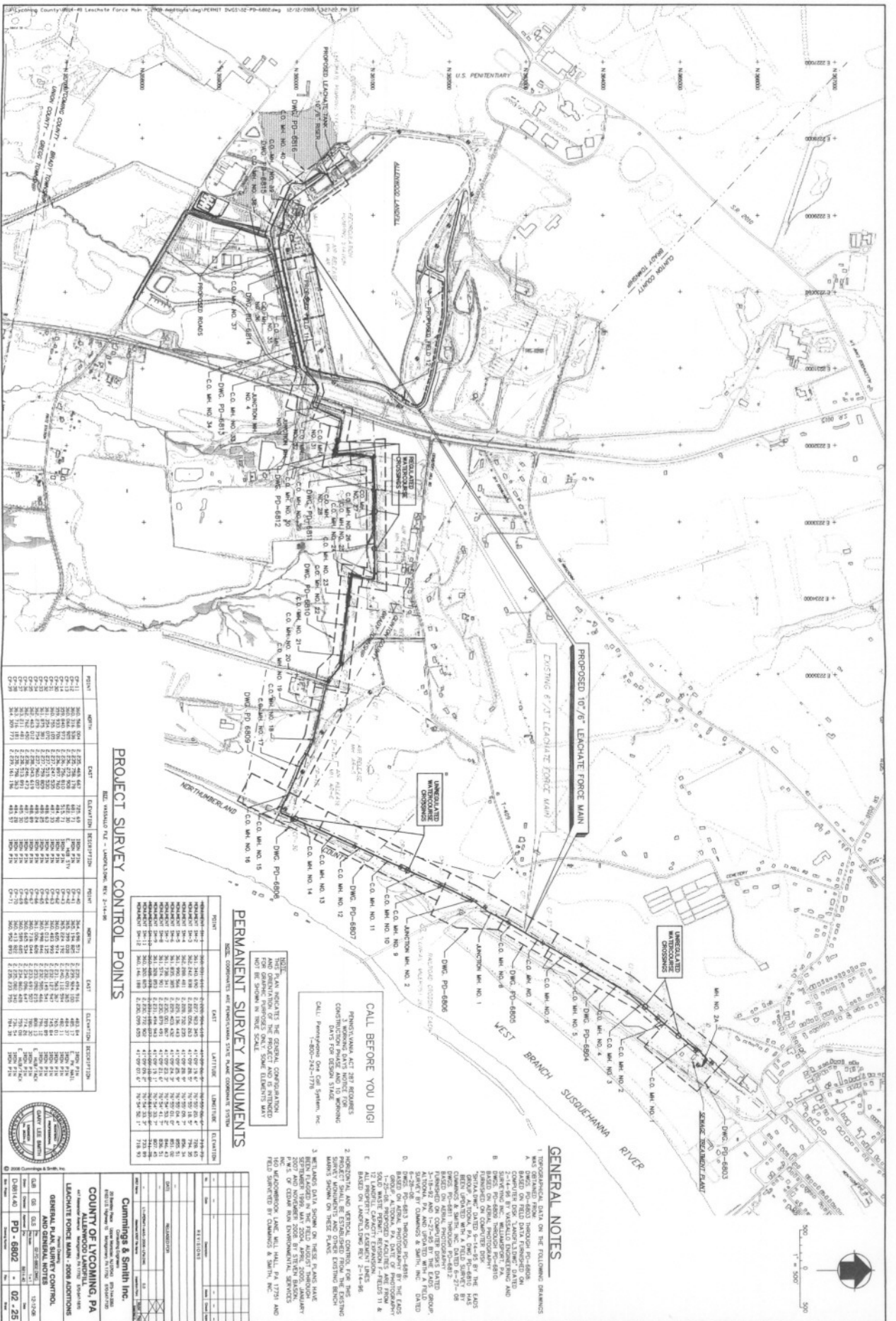
NOTES

1. CONDUCTED STUDY OF A FLOODING SCENARIO IN THE RIVER STRETCH OF THE RIVER GULF OF MEXICO, INCLUDING THE EFFECTS OF THE FLOODING ON THE SURROUNDING AREAS. THE STUDY WAS CONDUCTED IN THE STRETCH OF THE RIVER GULF OF MEXICO, INCLUDING THE EFFECTS OF THE FLOODING ON THE SURROUNDING AREAS. THE STUDY WAS CONDUCTED IN THE STRETCH OF THE RIVER GULF OF MEXICO, INCLUDING THE EFFECTS OF THE FLOODING ON THE SURROUNDING AREAS.
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COUNTY OF LOS ANGELES, CA RECORD MANAGEMENT SERVICES DEPARTMENT 447 WEST 10TH STREET, 10TH FLOOR LOS ANGELES, CALIFORNIA 90012		Cummings & Smith inc. 1000 WEST 10TH STREET, 10TH FLOOR LOS ANGELES, CALIFORNIA 90012	
SOLID WASTE PERMIT DRAWINGS		SOLID WASTE PERMIT DRAWINGS	
F.B.O.'S USE PRINTED NAME		F.B.O.'S USE PRINTED NAME	
WETLANDS DELINEATION SURVEY PLAN		WETLANDS DELINEATION SURVEY PLAN	
DATE	DATE	DATE	DATE
10/01/1981	12/17/88	10/01/1981	12/17/88
PD - N - 02	A	PD - N - 02	A







PROJECT SURVEY CONTROL POINTS

SEE COMMENTS ON DRAWING SHEET 3-11-16

POINT	COORDINATES	ELEVATION	REMARKS
CP-1	560,212.500	41.00	1.00
CP-2	560,212.500	41.00	1.00
CP-3	560,212.500	41.00	1.00
CP-4	560,212.500	41.00	1.00
CP-5	560,212.500	41.00	1.00
CP-6	560,212.500	41.00	1.00
CP-7	560,212.500	41.00	1.00
CP-8	560,212.500	41.00	1.00
CP-9	560,212.500	41.00	1.00
CP-10	560,212.500	41.00	1.00
CP-11	560,212.500	41.00	1.00
CP-12	560,212.500	41.00	1.00
CP-13	560,212.500	41.00	1.00
CP-14	560,212.500	41.00	1.00
CP-15	560,212.500	41.00	1.00
CP-16	560,212.500	41.00	1.00
CP-17	560,212.500	41.00	1.00
CP-18	560,212.500	41.00	1.00
CP-19	560,212.500	41.00	1.00
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CP-21	560,212.500	41.00	1.00
CP-22	560,212.500	41.00	1.00
CP-23	560,212.500	41.00	1.00
CP-24	560,212.500	41.00	1.00
CP-25	560,212.500	41.00	1.00
CP-26	560,212.500	41.00	1.00
CP-27	560,212.500	41.00	1.00
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CP-29	560,212.500	41.00	1.00
CP-30	560,212.500	41.00	1.00
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CP-46	560,212.500	41.00	1.00
CP-47	560,212.500	41.00	1.00
CP-48	560,212.500	41.00	1.00
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CP-80	560,212.500	41.00	1.00
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CP-89	560,212.500	41.00	1.00
CP-90	560,212.500	41.00	1.00
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CP-93	560,212.500	41.00	1.00
CP-94	560,212.500	41.00	1.00
CP-95	560,212.500	41.00	1.00
CP-96	560,212.500	41.00	1.00
CP-97	560,212.500	41.00	1.00
CP-98	560,212.500	41.00	1.00
CP-99	560,212.500	41.00	1.00
CP-100	560,212.500	41.00	1.00

PERMANENT SURVEY MONUMENTS

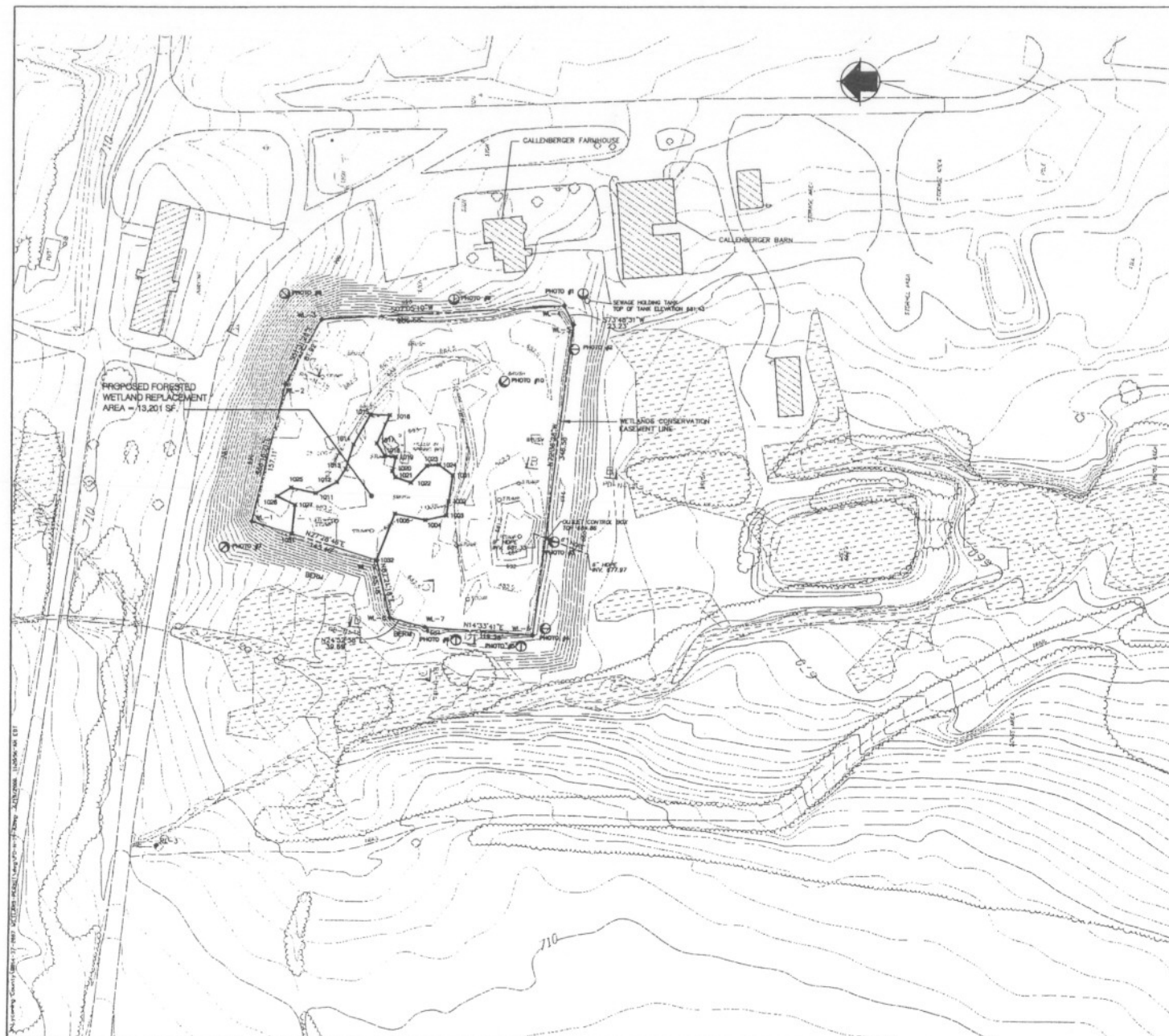
THIS PLAN INDICATES THE GENERAL COMPENSATION FOR THE MONUMENTS. THE MONUMENTS SHALL BE SET BY THE SURVEYOR. THE MONUMENTS SHALL BE SET BY THE SURVEYOR. THE MONUMENTS SHALL BE SET BY THE SURVEYOR.

CALL BEFORE YOU DIG!
PENNSYLVANIA ACT 207 RECORDS
CONSTRUCTION NOTIFICATION
CALL 800-242-1778

GENERAL NOTES

1. ALL DATA OBTAINED FROM THE FOLLOWING SOURCES:
A. BASED ON FIELD DATA FURNISHED BY THE SURVEYOR.
B. BASED ON AERIAL PHOTOGRAPHY DATED 1-18-02.
C. BASED ON AERIAL PHOTOGRAPHY DATED 1-18-02.
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V. BASED ON AERIAL PHOTOGRAPHY DATED 1-18-02.
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X. BASED ON AERIAL PHOTOGRAPHY DATED 1-18-02.
Y. BASED ON AERIAL PHOTOGRAPHY DATED 1-18-02.
Z. BASED ON AERIAL PHOTOGRAPHY DATED 1-18-02.

Cummings & Smith Inc.
COUNTY OF ALLEGANY, PA
LEACHATE FORCE MAIN - 2008 ADDITIONS
GENERAL PLAN SURVEY CONTROL
DATE: 02-25-08
DRAWN BY: PD-6802
CHECKED BY: 02-25



GENERAL NOTES:

1. WETLAND AREAS CREATED:
AREA AT EL. 884' 95,199 S.F. = 2.18 ACRES (FROM AS-BUILT SURVEY)
2. CONTROLS AND SITE FEATURES WITHIN THE WETLANDS CONSERVATION LINE REPRESENT "AS CONSTRUCTED" CONDITIONS ON 8-24-06.
3. TREES TO BE PLANTED IN FORESTED WETLAND REPLACEMENT AREA APPROXIMATE 10 FT. SPACING.

LEGEND:

⊙	PHOTO LOCATION
---	WETLANDS CONSERVATION EASEMENT LINE
+	WETLANDS CONSERVATION EASEMENT POINTS
---	FORESTED WETLAND REPLACEMENT LINE
+	FORESTED WETLAND REPLACEMENT POINTS

TABLE OF COORDINATES WETLANDS MITIGATION AREA POINTS (RECORD LOCATIONS)			
POINT #	NORTHING	EASTING	DESCRIPTION
PL-1	360,011.01	2,231,367.89	"TREE AREA"
PL-2	360,008.59	2,231,382.69	"TREE AREA"
PL-3	359,961.92	2,231,720.79	"TREE AREA"
WL-1	359,859.55	2,232,080.62	"TREE AREA"
WL-2	359,823.15	2,232,233.45	"TREE AREA"
WL-3	359,784.51	2,232,305.58	"TREE AREA"
WL-4	359,518.26	2,232,320.78	"TREE AREA"
WL-5	359,507.88	2,232,299.99	"TREE AREA"
WL-6	359,550.49	2,231,956.04	"TREE AREA"
WL-7	359,669.42	2,231,964.83	"TREE AREA"
WL-8	359,707.84	2,231,974.80	"TREE AREA"
WL-9	359,722.47	2,232,038.32	"TREE AREA"

TABLE OF COORDINATES FORESTED WETLAND REPLACEMENT AREA POINTS			
POINT #	NORTHING	EASTING	DESCRIPTION
NE SS 1001	259639.668	2232130.999	683.575 "TREE AREA"
NE SS 1002	259644.119	2232104.282	683.534 "TREE AREA"
NE SS 1003	259646.449	2232088.434	683.463 "TREE AREA"
NE SS 1004	259643.345	2232083.132	683.617 "TREE AREA"
NE SS 1005	259706.786	2232090.056	683.697 "TREE AREA"
NE SS 1011	259789.723	2232110.387	683.540 "TREE AREA"
NE SS 1012	259766.518	2232124.617	683.535 "TREE AREA"
NE SS 1013	259756.984	2232139.324	683.589 "TREE AREA"
NE SS 1014	259748.827	2232166.415	683.565 "TREE AREA"
NE SS 1015	259785.748	2232200.239	683.628 "TREE AREA"
NE SS 1016	259708.738	2232119.726	683.468 "TREE AREA"
NE SS 1017	259722.882	2232148.025	683.518 "TREE AREA"
NE SS 1018	259714.025	2232154.513	683.750 "TREE AREA"
NE SS 1019	259700.144	2232158.845	683.949 "TREE AREA"
NE SS 1020	259705.786	2232137.091	683.607 "TREE AREA"
NE SS 1021	259702.448	2232130.403	683.497 "TREE AREA"
NE SS 1022	259685.480	2232184.514	683.603 "TREE AREA"
NE SS 1023	259664.142	2232143.326	683.643 "TREE AREA"
NE SS 1024	259654.981	2232144.455	683.620 "TREE AREA"
NE SS 1025	259614.412	2232118.254	683.115 "TREE AREA"
NE SS 1026	259632.017	2232108.863	683.344 "TREE AREA"
NE SS 1027	259612.063	2232099.331	683.221 "TREE AREA"
NE SS 1028	259615.995	2232062.871	685.075 "TREE AREA"
NE SS 1029	259781.871	2232046.040	686.025 "TREE AREA"
NE SS 1030	259724.139	2232025.469	683.729 "TREE AREA"
NE SS 1031	259615.545	2232067.041	"B CROSSLINE"
NE SS 1032	259722.964	2232038.473	"B CROSSLINE"

A	B-13-08	FORESTED WETLAND REPLACEMENT AREA	CUB	GLS	GLS
NO.	DATE	REVISION	BY	CHKD	APPD
1	08/24/06	REVISION			
2	08/24/06	REVISION			
3	08/24/06	REVISION			
4	08/24/06	REVISION			
5	08/24/06	REVISION			
6	08/24/06	REVISION			
7	08/24/06	REVISION			
8	08/24/06	REVISION			
9	08/24/06	REVISION			
10	08/24/06	REVISION			

Cummings & Smith Inc.
Consulting Engineers
2800 North 10th Street
18102-1000, Lycoming, PA 17702-1000
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ALLENWOOD LANDFILL
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TEL: 717/326-1100 FAX: 717/326-1101
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WETLANDS AND FORESTED WETLANDS
WETLAND MITIGATION RECORD SITE PLAN
AT LYCOMING COUNTY OFF-SITE BORROW AREA

D-8814.35-PO-N-19

11-11-06

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